

**Plastics-To-Fuel/Energy Technology Review, Prepared by Roger Springman**  
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**Savannah, GA**

<b>Company/Developer</b>	<b>Location</b>	<b>Processing Technology</b>	<b>Business Model</b>	<b>Current Status</b>	<b>Comments</b>	<b>Contact Information</b>
Balcones Fuel Technology	Little Rock, Arkansas	Produces "fuel cubes" from wastes	Internal/Consulting/Sales	Commercialization	Tech. has energy, boiler, and kiln applications	info@balconesresources.com ; 501-490-0500
Plastofuel- Dr. Jim Garth, et al	State College, PA	Waste plastic heated extrusion die	Licensing	Research and Development	Used in assoc. with Eco-Clean Burners, LLC	jwg10@psu.edu ; 814-865-7154
Wood Residuals Solutions	Montello, Wisconsin	Extruded wood fiber pellets with ag plastic	Internal	Development and Commercialization	Product is used in boilers and generating plants	jeffr@woodresidualssolutions.com; 608-297-7141
Agri-Plas2Crude	Brooks, Oregon	Thermo-reclamation via sealed reactor vessels	Internal/Licensing/Sales	Development	Tech. proved. Several tanker loads shipped.	info@agriplasinc.com; 503-709-2509
CynarPlc (owned by Ozmotech)	London, England	Liquefaction, pyrolysis, and distillation	Internal/Licensing/Sales	Commercialization	Product called Thermofuel	info@cynar.com; +44 (0)207-887-6130
ROYCO-EZ Oil Generator	Beijing, China	Far Infrared Inner Heating	Licensing/Sales	Commercialization	Dr. Hayes developer. Early company	sales@roycobeijing.com ; +86-10-6599-5459
P-Fuel (under agreement with ROYCO)	Victoria, Australia	Far Infrared Inner Heating	Licensing/Sales	Commercialization	Direct ROYCO spinoff	03-9813-3228
Ozmotech	Victoria, Australia	Liquefaction, pyrolysis, and distillation	Licensing/Sales	Commercialization	Product called Thermofuel	gbaker@ozmotech.com.au ; +61 3-9550-3300
EPF- Dr. Alka Zadgaonkar	Nagpur, India	Random depolymerization via reactor vessel	Unknown	Research and Development	Work conducted at GH Raison College of Eng.	http://plastic2petrol.com/
H & G Polymers Group (exclusive vendor for PEFS)	Federal Way, Washington	Polymer Encapsulated Fuel Sheet (PEFS) via hot air melting	Consulting/Licensing/Sales	Commercialization	Tech. has energy, boiler, and kiln applications	gordon@hgpolymer.com ; 253-709-5566
Global Finest	Moffat Beach, Australia	Fractional Depolymerization	Internal/Licensing/Sales	Commercialization	Likely spinoff of Asian technologies	info@globalfinest.com; + 61-415-504-999

Plastic2Oil	Niagara Falls, Ontario	Pyrolysis Catalyst Reactor	Licensing/Sales	Commercialization	Formerly 310 Holdings, now owned by JBI	john@johnbordynuik.com; 905-354-7222
Polymer Energy (venture with Northern Technologies).	Circle Pines, Minnesota	Catalytic Pyrolysis	Consulting/Licensing/Sales	Commercialization	Inventor Zbigniew Tokarz , European	http://www.polymerenergy.com/ ; 763-225-6907
Envion Oil Generator	Washington, DC	Thermal, non-catalytic, vacuum cracking	Licensing/Sales	Development and Commercialization	Piloted plant at MRF in Montgomery Co, MD	info@envion.com; 202-965-5030
NanoFuel Technology (venture with GEEP)	Barrie, Ontario	Depolymerization with catalysts made from nanoparticles	Internal	Commercialization	Making diesel fuel from electronic plastics	http://www.geepinc.com; 705-725-1919

### Other Waste-to-Energy/Fuel Companies Of Interest

Company/Developer	Location	Processing Technology	Comments	Contact
EnvoSmart	Netherlands	Gasification without emissions	Applying tech. to cement, LED lighting, wastes, and biodiesel	usa@envosmart.com; 202-684-6903
Global Resource Corporation	Mount Laurel, New Jersey	Gasification in vacuum with microwaves	Applying tech. to municipal wastes, tires, auto fluff, heavy oil. Makes heat/energy only.	http://www.globalresourcecorp.com; 856-767-5561
Global Energy	Cincinnati, Ohio	Fluid-bed gasification	Owns coal reserves. Applying tech. for synthetic gas, petro-based fuels, and power	info@globalenergyinc.com ; 513-621-0077
IST Energy -Green Energy Machine (subsidiary of Infoscitex Corp.)	Waltham, Massachusetts	Gasification via pelletized waste control	Accepts wide range of organic wastes plus plastic. Makes heat/energy only	sales@istenergy.com; 781-890-2801
W2 Energy (venture with Toxco ,Inc)	Carson City, Nevada	Non-Thermal Plasmatron Gasifer	Accepts coal, ag wastes, plastic, tires, municipal wastes. Makes many fuels.	http://w2energy.com